PTO-1390 (Rev. 12-2004)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/FO/US)

ATTORNEY'S DOCKET NUMBER 427008016US

CONCERNING A SUBMISSION UNDER 35 U.S.C. 371									
INTERNA	ATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED						
	PCT/GB2003/002875	4 July 2003	6 July 2002						
TITLE OF	TITLE OF INVENTION MONITORING APPARATUS AND METHOD FOR IMPROVING THE ACCURACY AND REPEATABILITY OF ELECTROCHEMICAL CAPACITANCE VOLTAGE (ECV) MEASUREMENTS								
APPLICA	NT(S) FOR DO/EO/US May	es et al.							
Applicant	Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:								
1. x									
2.	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.								
3.	This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.								
4.	The US has been elected (Article 31).								
5. x	A copy of the International Application as filed (35 U.S.C. 371 (c)(2))								
a.	x is attached hereto (required	only if not communicated by the Intern	ational Bureau).						
b.	has been communicated by the International Bureau.								
c.	is not required, as the applic	ation was filed in the United States Re	ceiving Office (RO/US).						
6.	An English language translation	of the International Application as filed	(35 U.S.C. 371 (c)(2)).						
a.	is attached hereto.								
b.	has been previously submitted under 35 U.S.C. 154(d)(4).								
7.	Amendments to the claims of the	e International Application under PCT A	Article 19 (35 U.S.C. 371 (c)(3))						
a.	are attached hereto (required	d only if not communicated by the Inter	national Bureau).						
b.	have been communicated by the International Bureau.								
c.	have not been made; howev	er, the time limit for making such amer	ndments has NOT expired.						
ď.	have not been made and will not be made.								
8.	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).								
9.	An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).								
10.	An English language translation Article 36 (35 U.S.C. 371 (c)(5)).		liminary Examination Report under PCT						
Items 1	1 to 20 below concern docum	ent(s) or information included:							
11.	An Information Disclosure Stater	ment under 37 CFR 1.97 and 1.98.							
12.	An assignment document for reco	rding. A separate cover sheet in complia	nce with 37 CFR 3.28 and 3.31 is included.						
13. x	A preliminary amendment.								
14. [14]	An Application Data Sheet under 37 CFR 1.76.								
15.	A substitute specification.								
16.	A power of attorney and/or change of address letter.								
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13 <i>ter.</i> 2 and 37 CFR 1.821 - 1.825.								
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).								

DT15 Rec'd PCT/PTO 0 5 JAN 2005

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. 19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. x Other items or information: Return Receipt Postcard 5 Sheets of Drawings INTERNATIONAL APPLICATION NO. U.S. APPLICATION NO. (if known, see 37 CFR 1.5) ATTORNEY'S DOCKET NUMBER PCT/GB2003/002875 427008016US 21. The following fees are submitted: Office Use Only Applicant Use a) Basic national fee\$300.00 300.00 b) Examination fee\$200.00 200.00 c) Search fee\$500.00 500.00 **TOTAL OF ABOVE CALCULATIONS =** 1,000.00 \$1000.00 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Number of each additional 50 or fraction **Total Sheets** Extra sheets RATE thereof (round up to a whole number 21 - 100 = /50 = x \$250.00 Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months 130.00 from the earliest claimed priority date (37 CFR 1.492 (e)). NUMBER FILED NUMBER EXTRA CLAIMS 26 - 20 = Total claims x 50 300.00 3 - 3 = Independent claims 0.00 х MULTIPLE DEPENDENT CLAIM(s) (if applicable) + TOTAL OF ABOVE CALCULATIONS = 1,430.00 Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. SUBTOTAL = 1,430.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). **TOTAL NATIONAL FEE =** 1,430.00 Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property **TOTAL FEES ENCLOSED =** 1,430.00 Amount to be refunded: Amount to be charged: \$ a. X A check in the amount of \$ 1,430.00 to cover the above fees is enclosed. Please charge my Deposit Account No. in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. x The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0665 . A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038, NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.

10/520439DT15 Rec'd PCT/PTO 0 5 JAN 2005

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CUSTOMER NUMBER: 25096	33,904
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Application No. (if known): Not Yet Assigned

Attorney Docket No.: 427008016US

Certificate of Express Mailing Under 37 CFR 1.10

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on	January 5, 2005			
	Date			

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Vickie Hoe	
Typed or printed name of pers	on signing Certificate
	(206) 359-8000
Registration Number, if applicable	Telephone Number

Note:

Each paper must have its own certificate of mailing, or this certificate must identify

each submitted paper.

Fee Transmittal (2 pages) 5 Sheets of Drawings

Copy of the International application

Preliminary Amendment

Transmittal Letter to the United States Designated-Elected Office

Check in the amount of \$1,430.00

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PTO/SB/17 (12-04v2)

Approved for use through 7/31/2006. OMB 0651-0032

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Effecti		Complete if Known							
Fees pursuant to the Consolid	Application Number Not Ye		Not Yet Assign	et Assigned 🕍 🖺 // 与 🔊 🖺					
FEE TR	Filing Date Concurrently		Concurrently F	Herewith					
	First Named In	First Named Inventor Ian Mayes							
For	Examiner Name	•	Not Yet Assigned						
Applicant claims small entity status. See 37 CFR 1.27			Art Unit	Art Unit N/A					
TOTAL AMOUNT OF PA	YMENT	(\$) 1,430.00	Attorney Docke	Attorney Docket No. 427008016US					
METHOD OF PAYME	NT (check all t	hat apply)							
X Check Credit Card Money Order Other (please identify):									
X Deposit Account	Deposit Account		Deposit Account Na			oie LLP			
For the above-ider	ntified deposit	account, the Director	is hereby authoriz	ed to: (che	ck all that apply)				
Charge fee(s	s) indicated be	low	Charg	je fee(s) in	dicated below, e x	cept for the	ne filing fee		
Charge any fee(s) under	additional fee(s) or underpayment o	of X Credit	any overp	ayments				
FEE CALCULATION									
1. BASIC FILING, SEARC	H, AND EXAM	MINATION FEES					_		
	FiLIN		EARCH FEES	EXAMI	NATION FEES				
Application Type	Fee (\$)	Small Entity Fee (\$) Fee	Small Entity (\$) Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fees F	aid (\$)		
Utility	300	150 50	250	200	100				
Design	200	100 10	50	130	65		· · · · · · · · · · · · · · · · · · ·		
Plant	200	100 30) 150	160	80				
Reissue	300	150 50	250	600	300				
Provisional	200	100	0	0	0				
2. EXCESS CLAIM FEES							Small Entity		
Fee Description						Fee (\$)	Fee (\$)		
Each claim over 20 (include	_					50	25		
Each independent claim o		ng Reissues)				200	100		
Multiple dependent claims	S					360	180		
			Paid (\$)			<u>ent Claims</u>			
26 20 =	<u>6</u> x _	50 =	300	00 <u>Fee (\$)</u> <u>Fee Pa</u>			1		
							_		
	O x	Fee (\$) Fee	Paid (\$)						
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3. APPLICATION SIZE FE If the specification and d		ed 100 sheets of page	r (excluding electi	ronically fi	iled sequence or	computer			
listings under 37 CFR)		
sheets or fraction ther					• /				
Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)									
4. OTHER FEE(S)						Fees	Paid (\$)		
Non-English Specificat	-								
Other (e.g., late filing surcharge): 1631 Basic National Stage fee 1632 National Stage search fee							300.00 500.00		
1633 National Stage examination fee							200.00		
		0.00							
SUBMITTED BY			· <u>-</u>						
Signature 2			Registration No. (Attorney/Agent)	33,904	Telephone	(206) 35	9-8000		
Name (Print/Type) Edward	S. Hotchkiss		I (vironie)/Agent)	•	Date	January :			

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV528708209US, in an envelope addressed to: MS PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below. Signature: (Vickie Hoeft)